

Abstract Of The Disclosure

A fan for a cross flow fan assembly, including a plurality of elongate fan blades supported in an axial cylindrical pattern about a rotational axis by disk shape fan blade mounting members located adjacent ends of the blades. The fan blades have radial outer end portions defining an outer diameter of the fan, radial inner end portions opposite the radial outer end portions, and curved intermediate portions between the radial outer end portions and the radial inner end portions, respectively. Each of the fan blades is oriented such that the radial outer end is at about a 28° angle to a line tangent to the fan diameter at the outer end portion thereof, and the radial inner end portion is directed radially inwardly directly toward the axis or such that a line tangential to the radial inner end portion will pass through the axis.